

Title (en)

Dual purpose card edge connector.

Title (de)

Doppelzweckkartenrandsteckverbinder.

Title (fr)

Connecteur de bord de carte de circuit à double usage.

Publication

EP 0367373 A1 19900509 (EN)

Application

EP 89305746 A 19890607

Priority

- US 26719988 A 19881104
- US 33991089 A 19890417

Abstract (en)

A dual purpose card edge connector (10) can accept a printed circuit card (12) having conductive pads (14) on one center-line spacing or another printed circuit card (16) having conductive pads (18) on a different center-line spacing. More particularly, contact portions (48,66) on contact elements (24,26) disposed in an insulating housing (20) are alternatively located at two different levels to cooperate with positioning members (34) in the card receiving slot (22) so that a circuit card (16) not having edge notches are positioned on the positioning members (34) and the conductive pads (18) are engaged by the contact portions (48) at the upper level while a circuit card (12) having edge notches slides past the positioning members (34) and the conductive pads (14) thereon are engaged by the contact portions (48,66) at both levels.

IPC 1-7

H01R 23/70

IPC 8 full level

H01R 12/72 (2011.01)

CPC (source: EP KR)

H01R 12/52 (2013.01 - KR); **H01R 12/72** (2013.01 - KR); **H01R 12/721** (2013.01 - EP)

Citation (search report)

- [A] US 3614714 A 19711019 - SILVERSTEIN BERNARD
- [A] IBM TECHNICAL DISCLOSURE BULLETIN. vol. 31, no. 1, June 1988, NEW YORK US pages 191 - 192; "Edge connector with .050" center line spacing."
- [A] IBM TECHNICAL DISCLOSURE BULLETIN. vol. 30, no. 8, January 1988, NEW YORK US pages 217 - 218; "Contractor expansion of electrical connectors."

Cited by

EP0642195A1; GB2414347A; EP0374904A3; EP0419818A1; US5013264A; US8778495B2

Designated contracting state (EPC)

DE ES FR GB IT NL

DOCDB simple family (publication)

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